

CLAIMS

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1. (original) Hair-treatment agent containing
 - (A) at least one acid-groups-containing polymeric gel former,
 - (B) water glass,
 - (C) at least one hair-fixing polymer and
 - (D) water,said hair-treatment agent being in the form of a thickened preparation.
2. (original) Agent as defined in claim 1, characterized in that the polymeric gel former (A) is present in an amount from 0.01 to 10 wt.% and the hair-fixing polymer (C) in an amount from 0.1 to 20 wt.% and that the water content is at least 50 wt. %.
3. (currently amended) Agent as defined in ~~one of the preceding claims~~ claim 1, characterized in that the polymeric gel former is a crosslinked or noncrosslinked synthetic polymer and is derived from at least one kind of monomer selected from among acrylic acid, methacrylic acid, itaconic acid monoesters, acryl-amidoalkylsulfonic acids and/or methacrylamidoalkylsulfonic acids or that the polymeric gel former (A) is an acid-groups-containing polymer of natural origin.
4. (currently amended) Agent as defined in ~~one of the preceding claims~~ claim 1 characterized in that the hair-fixing polymer (C) is selected from among polyvinylpyrrolidone, polyvinylcaprolactam, polyacrylamide, vinylpyrrolidone/vinyl acetate copolymer, crosslinked or noncrosslinked vinyl acetate/crotonic acid copolymers, terpolymers of vinylpyrrolidone, vinyl acetate and vinylalkanoate, terpolymers of vinyl acetate, crotonate and vinylalkanoate, partly esterified copolymers of vinyl methyl ether and ma-leic anhydride, copolymers of acrylic acid and/or methacrylic acid and alkyl acrylates, alkyl meth-acrylates, N-alkylacrylamides, N-alkylmethacrylamides and/or polystyrenesulfonates, copolymers of alkylacrylamide, alkylaminoalkyl methacrylate and two or more monomers selected from among acrylic acid, methacrylic acid or the C₁- to C₄-alkyl esters thereof, with at least one of the mono-mers having an acid group; copolymers of acrylic acid, methacrylate and methacrylamidopropyl-trimethylammonium chloride, copolymers of acrylamidopropyltrimethylammonium chloride and ac-rylates, copolymers of acrylamide, acrylamidopropyltrimethylammonium chloride, 2-amido-propylacrylamide sulfonate and dimethylaminopropylamine, copolymers of methacryloylbetaine and two or more monomers selected from among acrylic acid or the simple esters thereof, methyl-vinylimidazolium chloride/vinylpyrrolidone copolymer, polyvinylpyrrolidone/dialkylaminoalkyl meth-acrylate copolymers, quaternized vinylpyrrolidone/dialkylaminoalkyl methacrylate copolymer, ho-mopolymers of dimethyldiallylammonium chloride, copolymers of dimethyldiallylammonium chlo-ride and at least one other monomer, quaternized hydroxyethylcellulose or quaternized guar deri-

vatives, terpolymers of vinylpyrrolidone, vinylcaprolactam and a basic acrylamide monomer of methacrylamide monomer and vinylpyrrolidone/methacrylamidoalkyltrimethylammonium chloride copolymers.

5. (currently amended) Agent as defined in ~~one of the preceding claims~~ claim 1, characterized in that additionally it contains at least one alcohol selected from among monohydric alcohols with 1 to 4 carbon atoms and polyhydric alcohols with 2 to 6 carbon atoms.

6. (currently amended) Agent as defined in ~~one of the preceding claims~~ claim 1, characterized in that it has a pH from 5 to 8.5.

7. (currently amended) Agent as defined in ~~one of the preceding claims~~ claim 1, characterized in that it contains at least one other neutralizing agent besides water glass.

8. (currently amended) Agent as defined in ~~one of the preceding claims~~ claim 1, characterized in that the polymeric gel former (A) is selected from among crosslinked or noncrosslinked synthetic homopolymers of acrylic acid, and the hair-fixing polymer is selected from among the homopolymers of vinyl-lactam, copolymers of vinylactam and at least one other monomer and copolymers of a crotonate and at least one other monomer.

9. (currently amended) Agent as defined in ~~one of claims 1 to 7~~ claim 1, characterized in that the polymeric gel former (A) is selected from among synthetic polymers of an itaconic acid ester and at least one other mono-mer, and the hair-fixing polymer (C) is selected from among the homopolymers of a vinylactam and copolymers of a vinylactam and at least one other monomer.

10. (currently amended) Agent as defined in ~~one of the preceding claims~~ claim 1 for simultaneously fixing and temporarily coloring hair, characterized in that additionally it contains hair-coloring pigments.

11. (original) Agent as defined in claim 10, characterized in that it contains the pigments in an amount from 0.01 to 25 wt.% and that the pigments are selected from among metal oxides, ultramarine, luster-imparting pigments, metal-effect pigments, nacreous luster-imparting pigments, fluorescent pigments, phosphorescent pigments, metal hydroxides, metal oxide hydrates, mixed-phase pigments, sulfur-containing silicates, metal sulfides, complex metal cyanides, metal sulfates, metal chromates, metal molybdates, bronze pigments, carmine, mica-based pigments coated with a metal oxide or a metal oxychloride or optionally with other color-imparting substances such as iron oxides, Prussian blue, ultramarine, carmine etc and/or the color of which is set by varying the coating thickness.